

of already fragile states in our hemisphere, and dangerous conditions abroad prompt many to leave everything behind to pursue a safer existence. As the Hispanic-American population has grown, racism, hatred, and naked xenophobia have unfortunately grown with it. Given these trying circumstances, we must recognize the obligations that arise from our shared humanity to assist those in need and to welcome and celebrate our differences.

Hispanic Americans have done so much to support and make the United States of America the exceptional nation that it is today. They have made groundbreaking discoveries and innovations in science and technology. They have shown us new ideas, art and music, and cuisine. They have created new products and jobs as entrepreneurs and business owners, and they have led our communities as dutiful elected representatives of the people. They have fought and are fighting today to protect our way of life and to promote our interests and ideals abroad. During National Hispanic Heritage Month, we celebrate this community's countless contributions, but not necessarily as something new. Hispanic Americans have played an important role in the American story since its very beginning.

PARKINSON'S DISEASE

Mr. VAN HOLLEN. Madam President, today I wish to discuss the impact of Parkinson's disease in the U.S. and across the world.

While significant progress has been made in managing certain symptoms and identifying potential risk factors, we still lack a clear understanding of the underlying causes of Parkinson's disease. To that end, I continue to support the strongest funding possible for biomedical research under the National Institutes of Health and its Brain Research through Advancing Innovative Neurotechnologies—BRAIN—Initiative, as well as the Parkinson's Research Program at the Department of Defense. These investments are necessary to sustain efforts by our Nation's scientists at the helm of innovative research and discovery, with the hope and resolve that we will one day find a cure.

I would like to highlight a recent study entitled "The Economic Burden of Parkinson's Disease," which was brought to my attention in a meeting with constituents led by Dan Lewis, a longtime advocate for Parkinson's research. Commissioned by the Michael J. Fox Foundation for Parkinson's Research, this study places the annual economic impact of Parkinson's at \$52 billion in 2017, nearly double the previous estimates. Approximately half of that total reflects the medical costs of Parkinson's patients, primarily paid by Medicare.

The other half reflects the real indirect costs shouldered by patients with Parkinson's, their caregivers, and our

society. The effects of living with Parkinson's disease permeate so many aspects of patients' lives, from personal finances to workforce participation to caregiver time and effort. With a rising aging population, the burden will only grow from here; the number of people with Parkinson's disease is projected to double by 2040.

By shedding light on the human and societal impact of Parkinson's, this study illustrates the critical need for sustained research toward better treatments and a cure. I ask unanimous consent that this study be printed in the CONGRESSIONAL RECORD and encourage all Senators and staff to review it. Thank you.

There being no objection, the material was ordered to be printed in the RECORD, as follows:

[From the Lewin Group, July 5, 2019]
ECONOMIC BURDEN AND FUTURE IMPACT OF
PARKINSON'S DISEASE
EXECUTIVE SUMMARY

Parkinson's disease (PD) is a slowly progressive neurodegenerative disorder that affects approximately one million Americans. In addition to the debilitating symptoms of PD itself, patients also experience a number of comorbidities, such as anxiety, depression, increased rates of infection, cardiac and gastrointestinal diseases, and injuries from falls. As a result, individuals with PD have higher medical needs, often miss work, retire early, and require the assistance of a caregiver. As such, the direct and indirect economic burden of PD is likely to be significant.

As part of its initiative to understand the economic burden of PD, the Michael J. Fox Foundation commissioned The Lewin Group to estimate the economic impact of PD in the U.S. in 2017. This study aims to provide the most comprehensive assessment of the total burden of PD to date, including filling the knowledge gap in some of the less well-understood cost components, such as future earnings loss due to premature death, productivity loss in both the labor market as well as in social life, and caregiver burden.

STUDY HIGHLIGHTS

This study provides the most comprehensive assessment of the economic burden of PD in the U.S. in 2017. The estimated total economic burden of PD in 2017 was \$51.9 billion, including a direct medical cost of \$25.4 billion and an additional \$26.5 billion in indirect and non-medical cost. These findings show that the true impact of PD has been previously underestimated in the literature (see the Discussion section).

Another highlight of the study is the Social and Financial Impact of Parkinson's Disease Survey (i.e. the PD Impact Survey). This primary survey was specifically designed and administered for this study to deepen the understanding of the full spectrum of PD impact. The survey was able to collect detailed data on a broad set of indirect and non-medical costs of PD that were previously unavailable, especially the impact of PD on unpaid caregivers. This survey was one of the largest surveys conducted so far on relatively rare neurodegenerative diseases and received almost 5,000 responses from the PD community.

STUDY FINDINGS

PD prevalence estimated using nationally representative surveys for younger and elderly U.S. populations revealed a much higher prevalence than previous literature. Exhibit ES-1 shows the estimated PD prevalence:

An estimated 1.04 million individuals in the U.S. have PD in 2017.

PD is much more prevalent in the 65 population than in the younger population. More males than females have PD.

PD prevalence rate is more than double among non-Hispanic White compared to other groups, although this result is not risk-adjusted and is subjected to small sample size limitations.

Vast majority (89%) of the persons with PD are eligible for Medicare. Among the estimated 919,000 individuals eligible for Medicare coverage, 82,000 (9%) are younger than age 65.

PD is associated with significant amount of excess medical cost: \$25.4 billion in 2017, higher than the previous U.S. based estimates. Exhibit ES-2 shows the estimated direct medical cost of PD.

The vast majority of the medical cost of PD is borne by populations with Medicare coverage (90%), 7% by those with private insurance, and 3% by those with other insurance including Medicaid, other insurance, or no insurance. Note: the five-year combined MEPS data identified a total of 20 PWP's who are in the Other group, the small sample size prevented further breakdown.

On average, the excess medical cost of PD is \$24,439 above not having PD. Average per person excess cost is \$22,671 and \$19,489 for the privately insured and Other group of persons with PD who are younger than 65 years of age, respectively; and \$24,811 for the Medicare beneficiary population with PD.

Hospital inpatient care, non-acute institutional care (including SNF, nursing home, hospice, etc.), and outpatient (including ancillary care) are the three largest cost categories.

The estimated total indirect and non-medical cost of PD is \$26.5 billion in 2017, with near \$20 billion to persons with PD and another \$6.6 billion to unpaid care partners. Exhibit ES-3 shows the estimated indirect and non-medical cost of PD:

Average indirect and non-medical cost per PWP is \$19,242 for PWP only and \$25,558 for PWP combined with caregiver burden.

Total indirect cost is \$14.2 billion with the combined PWP and caregiver absenteeism cost being the largest share, followed by presenteeism cost and premature death related earnings loss. The cost of absenteeism and presenteeism for the care partners even surpass those for the PWP's.

Total non-medical cost is \$7.5 billion with the paid non-medical daily care being the largest share, followed by home modification cost.

Disability income, although considered transfer cost, is approximately \$4.8 billion.

The full report can be found at <https://www.michaeljfox.org>.

ADDITIONAL STATEMENTS

TRIBUTE TO DR. MICHAEL CHERINGTON

• Mr. GARDNER. Madam President, today I wish to honor and celebrate Dr. Michael Cherington of Castle Rock, CO. This fall, Dr. Cherington is reaching the age of 85. He has lived a full life and helped many others to do the same.

Born in Pittsburgh, PA in 1934, Michael, who often went by the nickname "Mickey" showed initial greatness at age 10 when his father arranged for him to play against the American chess champion, Arnold Denker. Arnold defeated all the adult opponents in the room. Mickey's game ended in a draw.

After graduating from the University of Pittsburgh, Mickey attended Pitt Medical School, then moved to Colorado Springs for a year of residency. During that year, he received an important letter "Greetings, You're being drafted into the U.S. Army." His extended stay in Colorado with the Army would become the hook that kept him happily in the State to this day, some 60 years later.

Dr. Cherington set up a private practice in neurology in Denver and was made professor at the University of Colorado Medical School. He served the community very well in both of these capacities, helping thousands of patients in Colorado. As an author of dozens of articles and other research, he became known internationally and traveled around the world to meet with neurologists as new medical discoveries were allowing people to be cured of ailments that were once a fatal diagnosis.

His time in Colorado led him into an unusual field of neurology, studying survivors of lightning strikes. His work in this field led to a new nickname, "Lightning Doctor", and he would go on to publish many articles about lightning injuries and how to avoid them. His work led to the creation of the Lightning Data Center, which brought together experts across several areas of expertise and disciplines. Soon the Lightning Doctor was on local TV and beyond, including ABC's "20/20," "National Geographic," and even "Unsolved Mysteries." Through Mickey's work, he was able to help people avoid the doctor's office, or worse, by educating them about lightning storms and lightning safety.

Today, Dr. Cherington lives happily with his wife Nancy Cherington and spends time with family and close friends. That chess player from Pittsburgh can still be seen around a chess board—most likely on his iPad—or spending time with his children or their nine grandchildren.

Thank you, Dr. Cherington, for your contributions in your work and for those around you.●

TRIBUTE TO DAVID BRINTON

● Mrs. HYDE-SMITH. Madam President, I am pleased to commend David Brinton for his contributions and dedicated service as a member of my personal office staff.

A native of Tupelo, MS, David earned multiple degrees from Mississippi State University, including a bachelor of business administration degree with a major in business economics, a master of public policy and administration, and a master of arts in economics. Following that, David turned his attention to studying law, graduating cum laude with his juris doctor from Georgetown University Law Center, while working part time.

David's contributions throughout his tenure have been invaluable to the legislative functions of my office, and his

insightful input will be missed. I, along with the rest of my office, have benefited from David's knowledge and experience. His personal qualities are impeccable. He is a hard working, courteous, and intelligent young man, who has a strong sense of responsibility, good judgment, and a pleasant demeanor that makes him an easy person to like.

Mississippi and our Nation have been well-served by the diligence, dedication, and commitment to excellence David provided on a daily basis. He has put forth his best efforts to reflect credit on me, my State, and the Senate, and has been successful in doing so. I will miss David's good counsel. He has my appreciation and gratitude for the notable job he has done in the Senate. I wish David, his wife Julia, and their son Henry, all the best in their future endeavors.●

TRIBUTE TO SCOTT KAUFMAN

● Mr. PETERS. Madam President, today I wish to recognize Mr. Scott Kaufman's term of service as chief executive officer of the Jewish Federation of Metropolitan Detroit, which includes the contributions he has made to Metro Detroit and its Jewish communities.

Founded in 1926, the Jewish Federation of Metropolitan Detroit has supported the Jewish population in the greater Detroit area by addressing their health, welfare, educational, cultural, and spiritual needs, not only in Southeast Michigan, but also in Israel and throughout the world. Under Mr. Kaufman's stewardship, the federation has expanded these efforts, which have strengthened the Jewish community, and Southeast Michigan, as a whole.

Mr. Kaufman has been with the federation since 2007, serving in a variety of roles including director of strategic initiatives and director of the federation's yearlong effort to celebrate the 60th anniversary of Israel in 2008, as well as leading multiple family missions to Israel.

Mr. Kaufman has also ensured the longevity of the federation by encouraging its engagement of young Jewish people. Mr. Kaufman's leadership in those efforts led to the development of programs such as CommunityNEXT and NEXTGen Detroit. These programs have gone on to become models of engagement for Jewish organizations across the country. His initiatives have focused on addressing crucial needs within the community, such as JHelp, where individuals in need can find resources to aid them in areas such as housing, disability services, and mental health. These efforts have led to the expansion of the federation's scope and mission, as well as the impact it continues to make in Metro Detroit.

The Jewish Federation of Metropolitan Detroit is a dynamic organization whose endeavors have been felt far and wide in communities across metro Detroit. Its rich history of service to the

Jewish community and all residents of Southeast Michigan continue to enhance of vibrancy of Metro Detroit. As the federation celebrates and reflects on the end of Mr. Kaufman's term as CEO, I ask all my colleagues to join me in congratulating him, as well as the employees and volunteers of the federation, whose impact has and continues to improve the lives so many. I wish the federation success in the years ahead as it continues in its mission, and I am confident Mr. Kaufman's will continue to lead endeavors in metro Detroit that strengthen the community.●

RECOGNIZING HANSON GARAGE

● Mr. RISCH. Madam President, today I wish to highlight the hard work and determination of a small business in my home State of Idaho. The small business that I am honoring today goes above and beyond when it comes to embodying the American entrepreneurial spirit. As a member and former chairman of the Senate Committee on Small Business and Entrepreneurship, it is my pleasure to recognize Hanson Garage, Inc., as the Idaho Small Business of the Month for October 2019.

Hanson Garage in Orofino was founded in 1917 by Hans "Pete" Hanson and began selling Dodge vehicles in 1919. Pete's son, Ket Hanson, later took over the garage and passed it on to his sons Keith and Larry when he retired in the early 1980s. Keith and Larry grew up sweeping floors and washing cars at the garage, and upon graduating from the University of Idaho, they became partners in the family business. More than 100 years and three generations later, Hanson Garage remains a smalltown, family-owned business renowned for its passion, friendliness, and dedication to providing exceptional service.

The garage sells new and used Dodge, Chrysler, Jeep, and Ram vehicles, Suzuki ATVs and motorcycles, and KTM motorcycles. It also offers services such as financial assistance, vehicle repair, and a variety of parts for purchase. Over the years, the business has received several awards from Chrysler and Suzuki for exceptional sales and service, and the Hanson family attributes the business's success to their consistent fair prices and superior customer service.

Thirteen families in the Orofino area are employed at Hanson Garage, comprising a significant share of the workforce for a community of about 3,000 people. Keith and Larry Hanson are active members of the Orofino Chamber of Commerce and supporters of local youth sporting events and of the Orofino Lumber Jack Days and the County Fair. I would like to extend a well-deserved congratulations to Keith and Larry Hanson and all of the employees of Hanson Garage for being selected as the October 2019 Idaho Small Business of the Month. You make our great State proud, and I look forward to watching your continued growth and success.●